

## **REMARKS**

Claims 1-2, 4-14 and 16-32 were examined. Applicant has amended claims 25, 26, and 29. No new matter has been introduced.

### **Allowable Subject Matter**

Applicant thanks the Examiner for the indication that claims 1, 2, 4-14 and 16-24 are allowed.

### **Rejections under 35 USC §102**

Claims 25-32 stand rejected under §102(b) as anticipated by Sandhu et al. (US 6,432,389).

Claim 25 has been amended in line with allowed claims 1 and 13 as:

A system for adapting a wireless communication system comprising:

a reference design for implementing maximum functionality comprising:

~~at least one~~ or more antennas;

~~at least one~~ or more RF chains each receiving a signal from one of said ~~at least one or more~~ antennas, said RF chains processing said signal to generate a RF output signal;

processing means for processing said RF output signal with one or more processing techniques to provide signal output; and

means for optimizing performance of said wireless communication system determined from said signal output and optimizing cost for implementing said wireless communication system to support a defined functionality by adapting said reference design to support desired functionality at an optimized economic benefit ~~wireless communication system~~ through selectively turning on or off ~~one or more of a number~~ each of said ~~at least one or more~~ antennas, ~~a number of~~ said ~~at least one or more~~ RF chains and ~~a type of~~ said one or more processing techniques.

Claims 26 and 29 have also been amended to be proper dependent claims of claim 25.

As the Examiner pointed out, Sandhu does not disclose a reference design one or more antennas, RF chains, and processing techniques, which can be adaptively turned on or off to support desired functionalities. Thus, Sandhu cannot anticipate independent claim 25 as amended. Since claims 26-32 depend on claim 25, they are also allowable at least for depending from an allowable base claim. The Applicant respectfully requests all rejections with respect to these claims be withdrawn.

### **CONCLUSION**

Applicant believes that the application is now in condition for allowance and respectfully requests the same.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. **50-4634**, referencing Attorney's Docket No. **RDA-0002US**.

Respectfully submitted,

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